

SPECIFICATIONS FOR PAINT PRODUCTS

W · P · F U L L E R & C O ·

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Foreword

You, as the architect, know that paints can mar or enhance the creative as well as the practical character of any structure. Maintenance costs can be kept at a low level by the properly specified, selected and applied paints. W. P. Fuller & Co. manufactures quality paint products for every architectural and industrial purpose thus making your specification writing simple and direct, and the specification practical for the contractor, who must follow them.

At your disposal are the free services of our Research and Architectural Service Departments for assistance in writing specifications to meet a given budget cost or specific condition.

Many architects have taken advantage of this architectural service and their satisfied clients have benefited from properly specified and executed jobs.

How To Use This

FULLER ARCHITECT SPECIFICATION BOOK

This Architects' Specification Book is arranged wherever practical or possible to present W. P. Fuller & Co. recommended specifications for the better class of work first within any given section (exterior, interior, metal, etc.) and then in descending order are presented the alternate economy specifications for less expensive work. Thus, you have available at first glance, specifications utilizing high quality or best paint materials with the required number of coats for doing the best possible paint job, then specifications employing fewer coats or less expensive paints, and finally specifications for the least expensive job from a paint cost basis.

The best specifications are indicated by the letter (B) (Best) and the alternate economy specification by the letter (E) (Economy).

At this point, it is well to remember that material or paint cost is about one-fifth the cost of doing any paint job—the labor cost per coat will be approximately the same with a few exceptions.

Included in this Specification Book are complete short form specifications for average residential and commercial work. Factors of paint cost, application cost and durability, have been considered in these shortened specifications in order to arrive at an average specification which will give your client a job that is satisfactory in appearance and durability. Since these are average specifications, more detailed specifications follow them which outline both better product, and less expensive product specifications for the various types of surfaces. Either the short form average specifications or the detailed, step by step, specifications may be used depending upon the type of job being done or your methods of operation.

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SAMPLE PAINTING
SPECIFICATION FORM

ARCHITECTS' NOTE: A form of this type should accompany your technical specification in all painting contracts. Call W. P. Fuller & Co.'s Architectural Service Department if you desire copies. They will be supplied free to you upon request.

PAINTING

GENERAL CONDITIONS:

The general conditions of these specifications shall apply whole and in part, the same as if written in full herein.

All materials and the workmanship to be the best in their grade in strict accordance with modern practice and all work is to be done under the supervision of a capable foreman.

All unnecessary delays shall be avoided and a sufficient force of skilled workmen shall be employed on this work at all times to expedite its early completion.

RIGHT OF REJECTION:

No exterior painting or interior finishing shall be done under conditions which jeopardize the appearance or quality of the painting or finishing in any way and the architect shall have the right to reject all material or work that is unsatisfactory, and reserve the right at all times to replace either, or both, at the expense of the contractor.

PROTECTION OF WORK:

The contractor shall take the necessary steps to protect his work and the work of other contractors during the time his work is in process and the contractor shall be responsible for any and all damage to the work, or property, of other contractors, caused by his employees or by himself.

REMOVAL OF DEBRIS, ETC.:

Upon the completion of his work the contractor shall remove all surplus materials and rubbish, clean all spots resulting from the finishing work from hardware, floors, glass, walls, etc. He shall do all required patching up and repair all work of other trades damaged by his workmen, and leave the premises in a clean, orderly condition.

SCOPE OF WORK:

It is the intent of these specifications to include all the painting throughout the exterior and interior of the buildings on wood, plaster or metal, or other surfaces requiring paint, to make a thoroughly complete job in every respect.

Paint finishes called for hereafter are in addition to shop-coats of primers mentioned in other sections of this specification.

The painting of all exposed metal work, as called for herein and not especially included as a part of other contracts.

The contractor shall include in his work the furnishing of labor, materials, apparatus, scaffolding, erecting and cartage necessary to supply, mix and complete the painting shown on the plans or called for herein.

NOTE: All necessary scaffolding shall be furnished and installed by the contractor and such scaffolding shall conform to regulations of the State Industrial Accident Commission and Local Ordinances.

MATERIALS:

All materials used, except as otherwise specified, in carrying out the provisions of the contract, are to be W. P. Fuller & Co.'s manufacture.

All materials specified by name, brand or manufacture, or selected for use under the above clause, shall be delivered unopened at the job in their original containers. The same shall not be opened until inspected by the architect.

No paint, varnish or stain shall be reduced or applied in any way except as herein specifically called for, or recommended by the manufacturer.

STORAGE OF MATERIALS:

The contractor shall store all painting materials and equipment, not in immediate use, in a room or rooms assigned for that purpose. The receiving and opening of all paint materials and mixing shall be done in this room.

All necessary precautions shall be taken to prevent fire. Rags, waste, etc., soiled with paint shall be removed from the premises at the end of each day's work, or stored in metal containers with metal covers.

CONDITION OF SURFACES:

This contractor shall examine carefully all surfaces to be finished under the contract; and, before beginning any of his work, shall see that the work of other trades has been left or installed in a workmanlike condition to receive paint, stain or particular finish. All woodwork to receive paint or stain is to be thoroughly sanded and all collected dust removed before preliminary paint work is begun.

WORKMANSHIP:

Each coat of paint should be applied at proper consistency and brushed evenly, free of brush marks, sags, runs, with no evidence of poor workmanship. Care shall be exercised to avoid lapping of paint on glass or hardware. Paint sharply cut to lines. Finished paint surfaces free from defects or blemishes.

Protective coverings or drop cloths to protect floors, fixtures and equipment. Care exercised to prevent paint being spattered onto surfaces which are not to be painted. Surfaces from which such paint cannot satisfactorily be removed, shall be painted or repainted, as required to produce finish satisfactory to the architect.

All paint work to be accomplished by hand brushing method unless spray work is authorized.

PREPARATION OF SURFACES:

All surfaces shall be in proper condition to receive finish. Woodwork, hand sandpapered and dusted clean. All knot holes, pitch pockets or sappy portions to be shellacked, or sealed with knot sealer. Nail holes, cracks or defects carefully puttied after first coat, with putty matching color of stain or paint.

Interior woodwork finishes shall be sandpapered between coats.

Cracks, holes or imperfections in plaster to be filled with patching plaster and smoothed off to match adjoining surfaces.

Plaster shall be dry before sealer or paint is applied. Excessive lime conditions shall be treated with Zinc Sulphate solution until neutralized. Use four pounds of Zinc Sulphate to one gallon of water.

Metals shall be clean, dry and free from mill scale and rust. Remove all grease and oil from surfaces.

Unprimed galvanized metal shall be washed with a solution of "Galvatek," and allowed to dry.

Concrete and brick surfaces shall be wire-brushed clean. Surfaces which are highly glazed, or where traces of form oil are present shall be treated with a dilute solution of muriatic acid. The acid shall then be removed with water.

Concrete stains resulting from the weathering of corroded metals can be removed with a solution of 2 ounces of sodium metasilicate in 1 gallon water. Stained areas on weathered

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PAINTING

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surfaces should be thoroughly wetted with water before application of solution. Gentle rubbing with a cloth wetted with the solution will generally remove the stain. In severe cases, two applications may be required.

PRIMING AND BACK PRIMING:

All wood trim and cases installed before plastering, shall be primed with one coat of lead and oil before being installed.

Wood frames, trim and other woodwork installed against masonry, concrete or plaster shall be back primed with one coat of lead and oil.

Natural finish woodwork to receive first seal coat in above mentioned instances.

First coat of paint, stain or finish, to be applied as soon as possible after woodwork is fitted and erected.

COLORS AND SAMPLES:

All colors to be selected by the architect. Contractor shall submit to the architect for his approval finished samples of the work specified. Work to match approved colors and samples.

SPECIFICATION GUIDE FOR AVERAGE RESIDENTIAL WORK

EXTERIOR STUCCO:

All exterior stucco surfaces are to be painted with one coat Fuller Concreta Primer and one finish coat of Fuller Concreta applied according to manufacturer's directions. (Specification No. 7.)

EXTERIOR WOODWORK:

All exterior wood surfaces to receive paint shall be primed with one coat of Fuller Pure Prepared Primer and finished with one or two coats of Fuller Pure Prepared Paint. The tops, bottoms and all edges of doors shall be treated the same after fitting. For brilliant colors on sash, shutters, trim, etc., use Fultec Trim Colors or Architectural Colors for final coat. (Specification Nos. 1, 5.)

EXTERIOR REDWOOD:

Where a natural pigmented Redwood stain is desired, apply R-3057 Redwood Stain on all Redwood surfaces. One coat in package consistency is generally sufficient. Where more than one coat is desired, allow ten to fourteen days for first coat to dry before application of second. This stain is not for use over previously sealed surface.

EXTERIOR SHINGLES:

All exterior shingle surfaces, roof and sidewalls shall be given one, or two coats of Fuller Rustic and Shingle Finish, or Fuller Shake and Shingle Finish. (Specification Nos. 13, 14, 15, 16.)

EXTERIOR PORCHES AND STEPS:

All exterior wood porches and steps shall be primed with one coat of 178 Pure Prepared Primer and finished with two coats of Fuller Porch and Deck Paint. (Specification No. 20.)

EXTERIOR METAL:

Metal sash or wrought iron, if not shop coated shall be primed with one coat of No. 5037 LZI Primer. Finish with two coats of Fultec Trim Color, Architectural Color, or Pure Prepared Paint. (Specification No. 5.)

EXTERIOR GALVANIZED IRON:

All galvanized iron surfaces, including gutters, downspouts, flashings, etc., shall be given a wash with "Galvatek," allowed to dry, then given one coat of Fuller No. 7747 Zinc Dust Primer, and then finished with two coats of Fultec Trim Color, Architectural Color, or Pure Prepared Paint. (Specification No. 62.)

EXTERIOR HARDWOOD:

All exterior hardwood doors, etc.: Stain with Fuller Oil Wood Stain, fill open-grained woods with Pioneer Paste Wood Filler and finish with three coats of Fullerspar Varnish. (Specification No. 21.)

INTERIOR PAINTED WOODWORK:

Interior woodwork to be painted shall be primed with Fuller Enamel Undercoat. After priming, knife putty all holes and cracks with pure linseed oil putty or spackle, and sand to a smooth, even surface. Follow with another coat of Fuller Enamel Undercoat. The final coat shall be Fullerglo Semi-Gloss Finish (Specification No. 51), or Ful-Color (Flat finish). (Specification No. 22.)

The kitchen and bathroom woodwork shall be finished as specified above except that for a gloss enamel finish, Fuller Crestolite Gloss Enamel; shall be used instead of Fullerglo Semi-Gloss Finish. (Specification No. 45.)

The interior of all cupboards and drawers including the edges and faces of all shelving and the plaster back wall areas thereof, shall be given two coats of Fullerglo Semi-Gloss Finish, or Ful-Color (Flat finish).

Any plaster surface shall be sealed with No. 4798 Syntoseal Wall Sealer, before application of Semi-Gloss material.

INTERIOR WALL CANVAS (SANITAS):

Wall canvas shall be twelve-quarter wide and 64 square mesh sheeting of a recognized, reputable manufacturer. After the plaster is thoroughly dry, apply one coat of 4798 Syntoseal Pigment Wall Seal as a primer. When this is dry, the canvas shall be then applied to the wall which has been coated with a paste containing one pint of Vizgum to the gallon of Red Stave Wheat Paste. Care should be taken to brush out all wrinkles and air pockets. Edges shall be lapped over a zinc straightedge and trimmed so that they form a perfectly butted union. The canvas shall be sized with a hot glue size after application, and the nap rubbed down with a wood block. For finishing, follow desired interior wall finish specification below.

INTERIOR FLAT WALL AND CEILING FINISH:

On interior plaster or canvased walls, apply one coat of Fuller 4798 Syntoseal. Touch up all visible suction spots and when dry apply a coat of Fuller Soft-lite Finish. Follow with a final coat of Fuller Soft-lite (Specification No. 23), or Ful-Color (Flat finish). (Specification No. 22.)

INTERIOR SEMI-GLOSS WALL AND CEILING FINISH:

On plaster or canvased walls apply a first coat of 4798 Syntoseal Pigment Wall Seal. Touch up all visible suction spots and when dry apply a coat of Fullerglo Semi-Gloss Finish; follow when dry with a final coat of Fullerglo Semi-Gloss Finish. (Specification No. 32.)

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SPECIFICATION GUIDE FOR AVERAGE RESIDENTIAL WORK

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INTERIOR STIPPLE FINISH:

On plaster or canvased walls, apply a first coat of 4798 Syntoseal Pigment Wall Seal. Touch up all visible suction spots. Then finish with one coat of Fuller No. 3391 Flat Stipple Paste, Fuller No. 2859 Semi-Gloss Stippling Paste, 4595 Gloss Stipple. (Specification No. 38.)

INTERIOR WALLPAPER:

All plaster surfaces designated to receive wallpaper shall be in proper condition to receive same. Surfaces shall be given one coat of Vizgum. Paper shall be hung with Red Stave Wheat Paste. All patterns shall be evenly matched and the completed job shall be free from air pockets, bubbles and shall be a first-class job.

INTERIOR STAINED WOODWORK:

One coat of Fuller Oil Wood Stain. On open grained woods fill with Pioneer Paste Wood Filler, then apply one coat of Pure White Shellac and two coats of Speedite Gloss (Specifi-

cation No. 53), Satin Finish (Specification No. 54), Flat Finish (Specification No. 55).

INTERIOR METAL SURFACES:

All interior metal surfaces shall be treated the same as surrounding areas over the shop coat. In the case of galvanized iron surfaces, the same shall be given a wash with "Galvatek," before paint is applied. Prime with Fuller No. 7747 Zinc Dust-Zinc Oxide Primer and finish to match adjoining areas.

The general conditions attached hereto shall be and are construed to be part of this contract.

All colors shall be selected and approved by the architect. All materials shall be applied in accordance with the manufacturer's directions.

ARCHITECTS' NOTE: Specification numbers listed after each heading indicate detailed specifications.

SPECIFICATION GUIDE

FOR AVERAGE FACTORY, WAREHOUSE AND COMMERCIAL WORK

EXTERIOR STUCCO:

All exterior stucco surfaces shall receive two coats of Fuller Rocktite Bonding Cement Paint or Bondex applied according to manufacturer's directions. (Specification No. 11.)

EXTERIOR WOODWORK:

All exterior woodwork to receive one coat of Pure Prepared Primer and two finish coats of Pure Prepared Paint or Architectural Color. (Specification No. 1.)

EXTERIOR METAL:

All exterior metal, in addition to prime or shop coat, shall receive two coats of Pure Prepared Paint. If no shop prime coat has been specified, one coat of Fuller No. 5037 LZI Primer shall be applied.

All galvanized iron surfaces, including gutters, downspouts, flashings, etc., shall be given a wash with "Galvatek," and allowed to dry. Then prime with Fuller No. 7747 Zinc Dust-Zinc Oxide Primer. Finish with two coats of Pure Prepared Paint or Architectural Color. (Specification Nos. 60-64.)

ARCHITECTS' NOTE: See Specification No. 65 for aluminum.

EXTERIOR ROOFS:

All exterior roofs of asphalt saturated papers, rock surfaced composition, etc., shall receive two coats of Asphalt Base Ready Mixed Ful-lumina Aluminum Paint.

INTERIOR OPEN TRUSS ROOFS:

All wood, metal, etc., surfaces shall receive one or two coats of Fuller Ad-Lite thinned and applied according to manufacturer's directions. (Specification No. 72.)

INTERIOR PLASTER:

All interior plaster, stucco, etc., where designated shall receive one coat of 4798 Syntoseal Pigment Wall Seal and two coats of Fullerlite Gloss Synthetic Enamel, Fullerglo Semi-Gloss or Fuller Crescent Gloss Enamel Finish. (Specification No. 71.)

INTERIOR WOODWORK:

All interior woodwork and trim where designated shall receive two coats of Fuller Enamel Undercoat and one coat of Fullerglo Semi-Gloss Finish or Fuller Crescent Gloss Enamel Finish. (Specification No. 47 or 51.)

INTERIOR METAL:

All interior metal shall receive in addition to prime or shop coat, two coats of Myratec Industrial Enamel.

Interior galvanized metal shall be given a wash with "Galvatek," allowed to dry and then primed with Fuller No. 7747 Zinc Dust-Zinc Oxide Primer and finished with two coats of Myratec Industrial Enamel or treated the same as surrounding areas over the shop coat. (Specification No. 62.)

ARCHITECTS' NOTE: See Specification No. 65 for aluminum metal, and Specification No. 66 for finishing polished metal.

INTERIOR WOOD FLOORS:

All open grained flooring shall be sanded smooth and cleaned. Apply one coat of Pioneer Paste Wood Filler in color desired, and two coats of Fuller No. 5865 Floor Preservative. (Specification No. 70.)

PENETRATING TYPE FLOOR FINISH:

All wood floors to receive two coats Fuller No. 7955 Florcote. (Specification No. 68.)

The general conditions attached hereto shall be and are construed to be part of this contract.

All colors shall be selected and approved by the architect. All materials shall be applied in accordance with the manufacturer's directions.

ARCHITECTS' NOTE: Specification numbers listed after each heading indicate detailed specifications.

EXTERIOR**PAINTING WOOD SURFACES****Using Ready-Mixed Oil Paints****(B) Specification No. 1****PURE PREPARED PAINT, FULTEC TRIM COLORS, ARCHITECTURAL COLOR**

1. **PREPARATION:** Knots, pitch pockets and sappy spots shall be shellacked or sealed with 9689 Pineknot Sealer before priming coat is applied. When priming coat is dry, putty all nail holes, cracks and indentations.
2. **PRIME COAT:** Fuller Pure Prepared Primer reduced with one pint of turpentine to each gallon of primer.
3. **SECOND COAT:** (Optional) Fuller Pure Prepared Paint, or Architectural Color, color as selected, reduced with one half pint of turpentine to each gallon of paint.
4. **FINISH COAT:** Fuller Pure Prepared Paint, or Architectural Color, color as selected, applied without thinning.

ARCHITECTS' NOTE: For wood trim, specify two finish coats of Fuller Fultec Trim Color over Pure Prepared Primer.

NOTE: In localities where atmospheric conditions will cause white paints to bilge, i.e., around refineries, industrial areas, seashores, etc.—specify 2016 Marine White pure prepared paint. All tints of pure prepared and architectural colors are bilge resistant.

(E) Specification No. 2**MEDAL MIXED PAINT**

1. **PREPARATION:** Knots, pitch pockets and sappy spots shall be shellacked or sealed with 9689 Pineknot Sealer before priming coat is applied. When priming coat is dry, putty all nail holes, cracks and indentations.
2. **PRIME COAT:** 2978 Medal Mixed Primer reduced with one pint of turpentine to each gallon of primer.
3. **FINISH COAT:** Fuller Medal Mixed Paint, color as selected, applied without thinning.

Using Job-Mixed Oil Paints**(B) Specification No. 3****FULLER 3053 LEAD, TITANOX AND ZINC PASTE**

1. **PREPARATION:** Shellac or seal with knot sealer all knots and sappy places before priming. Putty all nail holes and imperfections after priming coat is dry.

2. PRIME COAT:

100 lbs. Lead, Titanox and Zinc Paste	5 gallons
4½ gallons boiled linseed oil	4½ gallons
1 gallon turpentine	1 gallon

Yield 10½ gallons

3. SECOND COAT: (Optional)

100 lbs. Lead, Titanox and Zinc Paste	5 gallons
3 gallons boiled linseed oil	3 gallons
1 gallon turpentine	1 gallon

Yield 9 gallons

4. FINISH COAT:

100 lbs. Lead, Titanox and Zinc Paste	5 gallons
3 gallons boiled linseed oil	3 gallons
1 gallon turpentine	1 gallon

Yield 9 gallons

(B) Specification No. 4**PIONEER ALL-PURPOSE WHITE LEAD, SOFT PASTE**

1. **PREPARATION:** Shellac or seal with knot sealer all knots and sappy places before priming. Putty all nail holes and imperfections after priming coat is dry.

2. PRIME COAT:

100 pounds Pioneer All-Purpose White Lead, Soft Paste	3⅛ gallons
3¼ gallons boiled linseed oil	3¼ gallons
2 gallons turpentine	2 gallons

Yield 8⅜ gallons

3. SECOND COAT: (Optional)

100 pounds Pioneer All-Purpose White Lead, Soft Paste	3⅛ gallons
2½ gallons boiled linseed oil	2½ gallons
2 gallons turpentine	2 gallons

Yield 7⅝ gallons

4. FINISH COAT:

100 pounds Pioneer All-Purpose White Lead, Soft Paste	3⅛ gallons
3 gallons boiled linseed oil	3 gallons
½ gallon turpentine	½ gallon

Yield 6⅞ gallons

EXTERIOR

Using Ready-Mixed Oil Paints

STEEL SASH AND METAL TRIM

(B) Specification No. 5

FULTEC TRIM COLORS, PURE PREPARED PAINT, ARCHITECTURAL COLOR

1. PREPARATION: Touch up abraded spots and prime all areas not previously shop coated with Fuller No. 5037 LZI Primer.
2. FIRST COAT: Fuller Fultec Trim Color, Architectural Color or Fuller Pure Prepared Paint, color as selected, reduced with one half pint of turpentine to each gallon.
3. SECOND COAT: Fuller Fultec Trim Color, Architectural Color or Fuller Pure Prepared Paint, color as selected, applied without thinning.

(E) Specification No. 6

MEDAL MIXED PAINT

1. PREPARATION: Touch up abraded spots and prime all areas not previously shop coated with Fuller No. 1540 Myratec Red Lead.
2. FIRST COAT: Fuller Medal Mixed Paint, color as selected, reduced with one half pint of turpentine to each gallon.
3. FINISH COAT: Fuller Medal Mixed Paint, color as selected, applied without thinning.

ARCHITECTS' NOTE: Using Lead in Oil, see Specification Nos. 3, 4. For galvanized metal see Specification No. 58.

CEMENT, PLASTER, STUCCO AND BRICK

GENERAL PAINTING PRECAUTIONS: Concreta should not be applied over any surface previously coated with lime or casein water paints.

Never paint over a brush coat which consists of tallow and lime or wax.

Cement, stucco, plaster and brick surfaces must be free of moisture.

If an excess of lime is apparent, the surface should be treated with a zinc sulphate solution and allowed to dry thoroughly before paint is applied. Four pounds of zinc sulphate dissolved in one gallon of water is generally used.

Rust or copper stains on a surface can be satisfactorily scaled off by the application of a sodium metasilicate solution.

(B) Specification No. 7

FULLER CONCRETA

1. PRIME COAT: On porous surfaces apply one coat of Fuller Concreta Primer reduced with approximately one pint of turpentine to the gallon. On non-porous surfaces apply Concreta Primer without thinning.

Touch up extremely porous areas with another coat of primer before applying finish.

2. FINISH COAT: Apply one or more coats of Fuller Concreta, reduced to desired brushing or spraying consistency with turpentine or Painters' Thinner only. (No linseed oil, reinforcing oil or varnish should be used in the last or finishing coat.)

(E) Specification No. 8

ONE COAT STUCCO PAINT

1. PREPARATION: All loose or powdered cold water paints should be removed thoroughly by wire brush or sandblast before paint is applied. If applied over cement or casein base water paints be sure that the paints are in good condition.
2. Apply one coat of Fuller One Coat Stucco Paint reduced with approximately 1½ pints of turpentine or Painters' Thinner to the gallon of paint.

ARCHITECTS' NOTE: Not recommended for use over oil base paints.

(E) Specification No. 9

GALVANOX PORTLAND CEMENT PAINT

1. PRIME COAT: Apply one coat of Galvanox Portland Cement Paint reduced according to manufacturer's directions.
2. FINISH COAT: Apply one coat of Galvanox Portland Cement Paint reduced with approximately one pint of turpentine or Painters' Thinner only to each gallon of Galvanox Portland Cement Paint.

ARCHITECTS' NOTE: Galvanox Portland Cement Paint is not to be applied over lime or casein water paints. Plaster and masonry surfaces should be well sealed to prevent chemical reaction and porosity.

EXTERIOR

CEMENT, PLASTER, STUCCO AND BRICK

Using Job-Mixed Paints

(B) Specification No. 10

PIONEER ALL-PURPOSE WHITE LEAD, SOFT-PASTE

1. PRIME COAT:

100 pounds Pioneer All-Purpose Lead	3 1/8 gallons
2 gallons Lead Mixing Oil	2 gallons
2 gallons boiled linseed oil	2 gallons
1/4 gallon turpentine	1/4 gallon

Yield 7 3/8 gallons

2. FINISH COAT:

100 pounds Pioneer All-Purpose Lead	3 1/8 gallons
3 gallons Lead Mixing Oil	3 gallons
1/4 gallon turpentine	1/4 gallon

Yield 6 3/8 gallons

ARCHITECTS' NOTE: The above formulas are recommended for reducing Pioneer All-Purpose White Lead, Soft Paste Type; for reducing the Heavy Paste, add to each formula one quart of turpentine.

Using Water Type Bonding Cement Paint

(E) Specification No. 11

ROCKTITE BONDING CEMENT PAINT

1. PREPARATION: All loose particles and dust should be removed by wire-brushing and cleaning. Keep surface

evenly moist by brushing or hosing on water in advance of first coat.

2. FIRST COAT: Apply a thin coat of Fuller Rocktite Bonding Cement Paint and allow to dry 24 hours to 48 hours.
3. SECOND COAT: Fuller Rocktite Bonding Cement Paint.

ARCHITECTS' NOTE: Rocktite Bonding Cement Paint to be applied only over unpainted stucco or surfaces previously painted with a bonding cement type paint. For re-paint jobs call for an inspection of the surface to insure proper paint specification.

Using Water Mixed Resin Emulsion Paint

(E) Specification No. 12

1. PREPARATION: Make certain the surface to be painted is firm and free from dust, dirt and loose paint scalings, by thoroughly cleaning.
2. FIRST COAT: Mix according to label directions. For two coat system, apply thin first coat; otherwise normal coating.
3. SECOND COAT: Apply normal second coat after the first coat has dried at least two hours.

ARCHITECTS' NOTE: Water mixed resin emulsion paints require a clean, firm surface.

VARNISHING and STAINING EXTERIOR WOOD SURFACES

STAINING

Using Ready-Mixed Stain

See that wood surfaces are dry and clean before staining.

(B) Specification No. 13

RUSTIC AND SHINGLE FINISH:

(Two Coat Work)

1. FIRST COAT: New Shingles: Preferably dip before laying. On other surfaces, apply by brush or spray. Fuller Rustic and Shingle Finish should be reduced for first coat work with $\frac{1}{2}$ gallon of linseed oil and $\frac{1}{2}$ gallon of turpentine to each gallon.
2. SECOND COAT: Fuller Rustic and Shingle Finish applied by brush or spray reduced with $\frac{1}{2}$ gallon of linseed oil and one quart of turpentine to each gallon.

(E) Specification No. 14

RUSTIC AND SHINGLE FINISH:

(One Coat Work)

1. Apply one coat of Fuller Rustic and Shingle Finish reduced with $\frac{1}{2}$ gallon of linseed oil and 1 quart of turpentine to each gallon.

(B) Specification No. 15

SHAKE AND SHINGLE FINISH: (Two Coat Work)

1. FIRST COAT: Dip shingles, before laying, in Fuller Pioneer Shingle Stain, color as selected. Use stain in consistency supplied, dipping about 8 inches of the length of the shingle.
2. SECOND COAT: Over the laid shingles, brush on one coat of Fuller Pioneer Shingle Stain in consistency supplied.

(E) Specification No. 16

SHAKE AND SHINGLE FINISH: (One Coat Work)

1. Apply by brush one coat of Fuller Pioneer Shingle Stain, color selected, in consistency supplied.

(B) Specification No. 17

REDWOOD STAIN PIGMENTED R 3057:

(Two Coat Work)

1. Over unfinished Redwood Surfaces only—apply one coat in consistency as supplied.
2. Apply second coat in consistency as supplied, allowing 10-14 day dry for initial coat.

(E) Specification No. 18

REDWOOD STAIN PIGMENTED R 3057:

(One Coat Work)

1. Apply one coat at consistency as supplied over unfinished Redwood surface only.

NOTE: One coat is generally considered satisfactory.

BLEACHING EXTERIOR WOOD SURFACES

(B) Specification No. 19

S-8212 FULLER BLEACHING OIL

1. FIRST COAT: New Shingles: Preferably dip before laying. On other surfaces, apply by brush or spray. Apply without thinning.
2. SECOND COAT: New Shingles: For a more permanent finish, recoat by brush after laying. For other surfaces apply by brush or spray.

(B) Specification No. 20

PORCH AND DECK PAINT

1. PRIME COAT: New or unpainted wood should be primed with Fuller Pure Prepared Paint or lead and oil. Putty all nail holes and cracks after priming.
2. FINISH COATS: Two coats of Fuller Porch and Deck Paint. The first coat should be thinned with one part turpentine to eight parts Porch and Deck Paint.

ARCHITECTS' NOTE: Cement surfaces should be thoroughly dry and free from moisture. If an excess of lime is apparent the surface should be treated with a zinc sulphate solution and allowed to dry thoroughly before paint is applied. Four pounds of zinc sulphate dissolved in one gallon of water is a recommended treating solution. On cement surfaces, apply only the two finishing coats. Cement slabs poured directly on the ground should not be painted.

VARNISHING

(B) Specification No. 21

FULLERSPAR VARNISH

1. PREPARATION: See that the wood is sanded smooth and in proper condition to be finished.
2. STAINING AND FILLING OPEN-GRAINED WOODS: Apply one coat of Fuller Oil Wood Stain of the desired color. (For a natural finish, omit the oil stain.) Knife putty all holes, coloring putty to match wood; when dry, sand lightly. Then apply one coat of Pioneer Paste Wood Filler, natural or color to match the stain. CLOSE-GRAINED WOODS: Omit the filler.
3. FINISHING: Three coats of Fullerspar Varnish. The last coat of varnish may be:
 - a. Left in the natural gloss, or
 - b. Rubbed to an eggshell finish with pumice stone and oil.

ARCHITECTS' NOTE: For more economical work, one coat of varnish may be omitted. Do not specify shellac as a sealer for exterior surfaces.

INTERIOR**PAINTING WALLS AND CEILINGS****Plaster, California Stucco, Wallboard, Canvas, Cement and Brick Surfaces****FLAT FINISH****(B) Specification No. 22****FUL-COLOR—DECORATOR FUL-COLOR**

1. **FIRST COAT:** Apply one coat of Ful-Color at package viscosity, or if necessary thin with not more than six ounces of water to the gallon of paint.
2. **SECOND COAT:** After allowing first coat at least three hours drying time, apply second coat at package body or thinned as noted.

ARCHITECT'S NOTE: Ful-Color materials may be intermixed in any quantities to obtain any colors.

(B) Specification No. 23**SOFT-LITE—DECORATOR WALL COLOR**

1. **SIZING COAT:** One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. **SECOND COAT:** One coat of Fuller Soft-lite or Decorator Wall Color in desired color.
3. **FINISH COAT:** One coat Fuller Soft-lite or Decorator Wall Color in desired color.

(E) Specification No. 24**FULLCOAT (One Coat Oil Paint)**

1. Apply one coat of Fullcoat in desired color.

ARCHITECTS' NOTE: In addition to above surfaces, Fullcoat may be used over wallpaper or kalsomine.

(E) Specification No. 25**FLITE OR STANDARD TEXOLITE**

1. Apply one coat of Flite or Texolite in desired color. (For color variation, intermix Flite or Texolite Tints or Deep Colors.

(E) Specification No. 26**DEKORATO KALSOMINE**

1. **SIZING COAT:** One coat Dekorato Wall Size.
2. **FINISH COAT:** One coat Dekorato Kalsomine.

(E) Specification No. 27**RESIN EMULSION PAINT—VELDURA OR IMPERIAL TEXOLITE**

1. Apply one coat of Veldura or Imperial Texolite in desired color. (For color variation, Veldura Tints may be intermixed with Veldura Deep Color or tinted with Vivid Decorator Colors.) Imperial Texolite Tints may be intermixed or tinted with Texolite Deep Color.

EGGSHELL FINISH**(B) Specification No. 28****SILKENWHITE OR CRESTOLITE, EGGSHELL ENAMELS (Four Coat Work)**

1. **SIZING COAT:** One coat of No. 4798 Syntoseal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. **SECOND COAT:** One coat of Fuller Crestoseal Enamel Undercoat.
3. **FINISH COATS:** Two coats of Fuller Silkenwhite Eggshell Enamel, or Fuller Crestolite Eggshell Enamel, tinted to desired color, with Fuller Color in Oil.

(E) Specification No. 29**SILKENWHITE OR CRESTOLITE, EGGSHELL ENAMELS (Three Coat Work)**

1. **SIZING COAT:** One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. **SECOND COAT:** One coat of Fuller Crestoseal Enamel Undercoat, tinted toward finish coat color, with Fuller Color in Oil.
3. **FINISH COAT:** One coat of Fuller Silkenwhite Eggshell Enamel, or Fuller Crestolite Eggshell Enamel, tinted to desired color, with Fuller Color in Oil.

(E) Specification No. 30**CRESCENT EGGSHELL ENAMEL (Four Coat Work)**

1. **SIZING COAT:** One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. **SECOND COAT:** One coat Fuller No. 3339 Flat White.
3. **THIRD COAT:** One coat of Fuller No. 3339 Flat White, tinted toward finish coat color, with Fuller Color in Oil.
4. **FINISH COAT:** One coat of Fuller Crescent Eggshell Enamel, tinted to desired color, with Fuller Color in Oil.

(E) Specification No. 31**CRESCENT EGGSHELL ENAMEL (Three Coat Work)**

1. **SIZING COAT:** One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. **SECOND COAT:** One coat of Fuller No. 3339 Flat White, tinted toward finish coat color, with Fuller Color in Oil.
3. **FINISH COAT:** One coat of Fuller Crescent Eggshell Enamel, tinted to desired color, with Fuller Color in Oil.

INTERIOR

PAINTING WALLS AND CEILINGS

Plaster, California Stucco, Wallboard, Canvas, Cement and Brick Surfaces

SEMI-GLOSS FINISH

(B) Specification No. 32

FULLERGLO (Three Coat Work)

1. SIZING COAT: One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. SECOND COAT: One coat of Fullerglo in desired color.
3. FINISH COAT: One coat of Fullerglo in desired color.

(E) Specification No. 33

FULLERGLO (Two Coat Work)

1. SIZING COAT: One coat of 4798 Syntoseal Pigment Wall Seal, tinted with Fuller Color in Oil, towards finish coat color. Any visible suction spots must be touched up again before succeeding coats are applied and work is not to proceed until such spots are sealed.
2. FINISH COAT: One coat of Fullerglo in desired color.

GLOSS FINISH

(B) Specification No. 34

SILKENWHITE OR CRESTOLITE GLOSS ENAMELS (Four Coat Work)

1. SIZING COAT: One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. SECOND COAT: One coat of Fuller Crestoseal Enamel Undercoat.
3. FINISH COATS: Two coats of Fuller Silkenwhite or Fuller Crestolite Gloss Enamel, tinted to desired color, with Fuller Color in Oil.

(E) Specification No. 35

SILKENWHITE OR CRESTOLITE GLOSS ENAMELS (Three Coat Work)

1. SIZING COAT: One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. SECOND COAT: One coat of Fuller Crestoseal Enamel Undercoat, tinted toward finish coat color, with Fuller Color in Oil.

GLOSS FINISH (Cont'd)

3. FINISH COAT: One coat of Fuller Silkenwhite, or Fuller Crestolite Gloss Enamel, tinted to desired color, with Fuller Color in Oil.

(E) Specification No. 36

CRESCENT OR FUL-GLOSS ENAMELS (Four Coat Work)

1. SIZING COAT: One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. SECOND COAT: One coat of Fuller No. 3339 Flat White.
3. THIRD COAT: One coat of Fuller No. 3339 Flat White tinted toward finish coat color with Fuller Color in Oil.
4. FINISH COAT: One coat of Fuller Crescent Gloss Enamel, tinted to desired color, with Fuller Color in Oil or Ful-Gloss Enamel in desired color.

(E) Specification No. 37

CRESCENT GLOSS OR FUL-GLOSS ENAMELS (Three Coat Work)

1. SIZING COAT: One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. SECOND COAT: One coat of Fuller No. 3339 Flat White, tinted toward finish coat color with Fuller Color in Oil or use Ful-Gloss Enamel in desired color.
3. FINISH COAT: One coat of Fuller Crescent Gloss Enamel, tinted to desired color, with Fuller Color in Oil or use Ful-Gloss Enamel in desired color.

STIPPLE FINISH

(B) Specification No. 38

No. 3391 FLAT STIPPLE, No. 2859 SEMI-GLOSS STIPPLE, and No. 4595 GLOSS STIPPLE

1. SIZING COAT: One coat of 4798 Syntoseal Pigment Wall Seal. After sizing coat is dry, all visible suction spots must be touched up before applying succeeding coats. Work is not to proceed until such suction spots are sealed.
2. FINISH COAT: Flat sheen: One coat of Fuller No. 3391 Flat Stipple Paste. Semi-Gloss Sheen: One coat of Fuller No. 2859 Semi-Gloss Stipple Paste. Gloss Sheen: 4595 Gloss Stipple. All products may be tinted to desired color with Fuller Color in Oil, or Decorator Wall Color.

INTERIOR
ACOUSTIC PLASTER
PAINTING ACOUSTICAL WALLS AND CEILINGS

Specification No. 39

ANILINE DYE STAIN

1. Apply with an air gun one coat of Aniline Dye Stain or Stain-tite Stain in the desired color.
2. Using various dry colors in pouncing bags, pounce colors indiscriminately over stains as desired into plaster but do not use below the coat line, as colors will rub off.

PERFORATED ACOUSTICAL BOARDS

(B) Specification No. 40

SOFT-LITE

1. SIZING COAT: One coat of 4798 Syntoseal Pigment Wall Seal, tinted toward finish coat color, with Full Color in Oil, or Decorator Wall Color.
2. FINISH COAT: One coat of Fuller Soft-lite in desired color, or Fuller Soft-lite mixed to desired color with Decorator Wall Color.

(E) Specification No. 41

FULLCOAT

1. Apply one coat of Fullcoat.

ABSORBENT ACOUSTICAL BOARDS

(B) Specification No. 42

FLITE (Casein Paint)

1. Apply by spray one thin coat of Flite Casein Paint.

Specification No. 43

FULLCOAT

1. Apply by spray one thin coat of Fullcoat.

INTERIOR

ENAMELING WOODWORK

GLOSS FINISH

(B) Specification No. 44

SILKENWHITE OR CRESTOLITE GLOSS ENAMELS (Four Coat Work)

1. PREPARATION: Surface to be sanded smooth. Shellac all knots and sappy spots.
2. FIRST AND SECOND COATS: Fuller Crestoseal Enamel Undercoat.
3. FINISH COATS: Two coats of Fuller Silkenwhite Gloss Enamel or Fuller Crestolite Gloss Enamel, tinted to desired color, with Fuller Color in Oil.

(E) Specification No. 45

SILKENWHITE OR CRESTOLITE GLOSS ENAMELS (Three Coat Work)

1. PREPARATION: Surface to be sanded smooth. Shellac all knots and sappy spots.
2. FIRST COAT: One coat of Fuller Crestoseal Enamel Undercoat.
3. SECOND COAT: One coat of Fuller Crestoseal Enamel Undercoat, tinted toward finish coat color, with Fuller Color in Oil.
4. FINISH COAT: One coat of Fuller Silkenwhite Gloss Enamel or Fuller Crestolite Gloss Enamel, tinted to desired color, with Fuller Color in Oil.

(E) Specification No. 46

CRESCENT GLOSS ENAMEL OR FUL-GLOSS ENAMEL (Four Coat Work)

1. PREPARATION: Surface to be sanded smooth. Shellac all knots and sappy spots.
2. FIRST AND SECOND COATS: Fuller No. 3339 Flat White.
3. THIRD COAT: One coat of Fuller No. 3339 Flat White, tinted toward finish coat color, with Fuller Color in Oil.
4. FINISH COAT: One coat of Fuller Crescent Gloss Enamel, tinted to desired color with Fuller Color in Oil or Ful-Gloss Enamel in desired color.

(E) Specification No. 47

CRESCENT GLOSS ENAMEL OR FUL-GLOSS ENAMEL (Three Coat Work)

1. PREPARATION: Surface to be sanded smooth. Shellac all knots and sappy spots.
2. FIRST COAT: One coat of Fuller No. 3339 Flat White.
3. SECOND COAT: One coat of Fuller No. 3339 Flat White, tinted toward finish coat color, with Fuller Color in Oil.
4. FINISH COAT: One coat Fuller Crescent Gloss Enamel, tinted to desired color, with Fuller Color in Oil or Ful-Gloss Enamel in desired color.

ARCHITECTS' NOTE: Back priming: Wood frames, trim and other woodwork installed against masonry or concrete walls; or wherever installed against plaster which is not thoroughly dry shall be back primed with one coat of priming lead and oil.

EGGSHELL FINISH

(B) Specification No. 48

SILKENWHITE OR CRESTOLITE EGGSHELL ENAMELS (Four Coat Work)

1. PREPARATION: Surface to be sanded smooth. Shellac all knots and sappy spots.
2. FIRST AND SECOND COATS: Fuller Crestoseal Enamel Undercoat.
3. FINISH COATS: Two coats of Fuller Silkenwhite Eggshell Enamel or Fuller Crestolite Eggshell Enamel, tinted to desired color, with Fuller Color in Oil.

(E) Specification No. 49

SILKENWHITE OR CRESTOLITE EGGSHELL ENAMELS (Three Coat Work)

1. PREPARATION: Surface to be sanded smooth. Shellac all knots and sappy spots.
2. FIRST COAT: One coat of Fuller Crestoseal Enamel Undercoat.
3. SECOND COAT: One coat of Fuller Crestoseal Enamel Undercoat, tinted toward finish coat color, with Fuller Color in Oil.
4. FINISH COAT: One coat of Fuller Silkenwhite Eggshell Enamel or Fuller Crestolite Eggshell Enamel, tinted to desired color with Fuller Color in Oil.

(E) Specification No. 50

CRESCENT EGGSHELL ENAMEL (Four Coat Work)

1. PREPARATION: Surface to be sanded smooth. Shellac all knots and sappy spots.
2. FIRST AND SECOND COATS: Fuller No. 3339 Flat White.
3. THIRD COAT: One coat of Fuller No. 3339 Flat White, tinted toward finish coat color with Fuller Color in Oil.
4. FINISH COAT: One coat of Fuller Crescent Eggshell Enamel, tinted to desired color with Fuller Color in Oil.

(E) Specification No. 51

CRESCENT EGGSHELL ENAMEL (Three Coat Work)

1. PREPARATION: Surface to be sanded smooth. Shellac all knots and sappy spots.
2. FIRST COAT: One coat of Fuller No. 3339 Flat White.
3. SECOND COAT: One coat of Fuller No. 3339 Flat White, tinted toward finish coat color with Fuller Color in Oil.
4. FINISH COAT: One coat of Fuller Crescent Eggshell Enamel, tinted to desired color with Fuller Color in Oil.

ARCHITECTS' NOTE: Fullerglo Semi-Gloss Finish described and listed under "Painting Interior Walls and Ceilings" may be specified here for woodwork finishing where a Semi-Gloss finish is desired.

INTERIOR

PAINTING FLOORS

(B) Specification No. 52

FULLERWEAR FLOOR ENAMEL

1. PREPARATION: Floor is to be sanded smooth and in proper condition to be finished.
2. PRIMING COAT: Prime with Pure Prepared Primer. After priming, knife putty all cracks and crevices with Fuller Crack and Crevice Filler. Allow to dry and sand to smooth surface before finishing coating.
3. SECOND COAT: One coat of Fullerwear Floor Enamel, in desired color.
4. FINISH COAT: One coat of Fullerwear Floor Enamel, in desired color.

NATURAL WOOD FINISHES

Staining, Varnishing and Waxing Surfaces

(Open and close-grained woods)

SPEEDITE GLOSS, SATINFLAT, SPEEDFLAT VARNISHES

1. PREPARATION: The wood is to be sanded smooth and in proper condition to be finished. Sand between all coats.
2. STAINING AND FILLING:
 - a. *Open-grained Woods*: One coat of Fuller Oil Wood Stain of the desired color. (For a natural finish, omit stain.) Knife-putty all holes, coloring putty to match the stained wood; sand lightly when dry. Apply one coat of Pioneer Paste Wood Filler, natural, or in color to match the applied stain.
 - b. *Close-grained Woods*: One coat of Fuller Oil Wood Stain of desired color. (For a natural finish, omit stain.) Knife-putty all holes, coloring putty to match the stained wood and when dry sand lightly.
3. SEALING AND SURFACING: One coat of Pure Shellac (White Shellac on light-colored woods. Orange Shellac on dark woods.) Reduce shellac 25 per cent with denatured alcohol. Sandpaper smooth when dry.
4. FINISHING:
 - (B) Specification No. 53
 - a. *Gloss Finish*: Two coats of Speedite Varnish, sanding and allowing ample time for drying between coats.
 - (B) Specification No. 54
 - b. *Semi-Gloss Finish*: One coat of Speedite Gloss Varnish followed, when dry, by one coat of Satinflat Varnish.
 - (B) Specification No. 55
 - c. *Dull Finish*: One coat of Speedite Gloss Varnish followed, when dry, by one coat of Speedflat Varnish.
 - (E) Specification No. 56
 - d. *Wax Finish*: Apply two coats of Fuller Paste or Liquid Polishing Wax.

ARCHITECTS' NOTE: All window mouldings, around sills, washbowls and kitchen sinks, use Fullerspar Varnish where varnish is to be used.

Semi-Gloss or Flat finishes are not to be specified for floors. For commercial and school floors, see Specification Nos. 67, 68 and 69.

NOTE: Open grain woods are the only ones which require filling. The following table can serve as a guide for filler requirements:

No Filler Needed		Liquid or Thin Paste		Paste Filler	
Basswood	Larch	Beech	Gum, black	Ash	Mahogany
Cedar, red	Magnolia	Birch	Maple, hard	Beech	Oak
Cedar, white	Pine, white	Boxwood	Maple, soft	Butternut	Oriental
Cypress	Pine, yellow	Cherry	Sycamore	Chestnut	Rosewood
Fir	Poplar	Cottonwood	Redwood	Cocobola	Satinwood
Hemlock	Spruce	Gum, red		Elm	Walnut
Holly	Willow			Hickory	Zebra
				Locust	

INTERIOR

NATURAL WOOD FINISHES

Bleaching, Varnishing and Waxing Surfaces (Open and close-grained woods)

FULLER No. 1, No. 2 and No. 3 BLEACH

1. PREPARATION: The wood is to be sanded smooth and in proper condition to be finished.
4. FINISHING:

2. BLEACHING:

- a. Apply one coat each of Fuller No. 1 and No. 2 Bleaches as per manufacturer's directions on container. Allow to dry overnight and sand lightly with 4-0 paper. After sanding, wash the surfaces with denatured alcohol and allow to dry.
- b. For a slightly less severe bleach use a bleaching solution of equal parts of No. 2 and No. 3 bleach. Apply in accordance with manufacturer's instructions. Allow to dry overnight and sand lightly. After sanding wash the surface with denatured alcohol and allow to dry.

3. SEALING AND FILLING:

- a. *Open-grained Woods:* Apply a very thin coat of Pure White Shellac reduced equal parts with denatured alcohol to seal the surface and prevent absorption of the filler oils. Sand lightly. Apply Pioneer Paste Wood Filler in the color selected for finish. Allow filler to dry and sand surface lightly, then seal the filled surface with a second coat of Pure White Shellac reduced 25 per cent with denatured alcohol.
- b. *Close-grained Woods:* Omit filler and apply one coat of Pure White Shellac reduced 25 per cent with denatured alcohol.

Specification No. 57

- a. *Platinum Blonde:* This finish has a definite whitish cast. With open-grained woods, use White Pioneer Paste Wood Filler for filling. On close-grained woods, the surface should be wiped with a very thin coat of White Pioneer Paste Wood Filler to give the whitish appearance. After sealing with shellac, finish with two coats of Fuller White Paste Wax.

Specification No. 58

- b. *Golden Blonde Finish:* The characteristic of this finish is a warm, golden tone. On open-grained woods, use Natural Paste Wood Filler; no filler is needed on close-grained wood. After shellacking, finish with gloss finish, rubbed finish or dull finish varnish as specified in Specification No. 55, or two coats of Fuller Polishing Wax.

Specification No. 59

- c. *Colored or Pickled Blonde Finish:* This colored or pickled effect is obtained by using a colored filler such as gray, green, etc., on open-grained woods, then finishing as outlined above under *a.* or *b.* to obtain desired effect.

METAL SURFACES**PAINTING STRUCTURAL STEEL****(B) Specification No. 60****CARBONOX METAL PAINTING SYSTEM—
OIL PRIMERS AND FINISH COATS**

1. PREPARATION: Sandblast metal free of rust, mill scale and other foreign matter.
2. PRIME COAT: One coat of Fuller No. 7210 Carbonox Red Lead Paint. Touch up abraded spots and new rivets after erection.
3. SECOND COAT: For dark-colored finishes, apply one coat of Fuller No. 7212 Carbonox Brown Primer. For light-colored finishes, apply one coat of Fuller No. 7211 Carbonox Gray Primer.
4. FINISH COAT: One coat of Fuller Carbonox Metal Paint in desired color or Fuller Ready-Mixed Ful-lumina Aluminum Paint if an aluminum finish is required.

ARCHITECTS' NOTE: Allow ample time for hardening of the film between coats. For spray work, add not more than one pint of turpentine to the gallon of paint.

(B) Specification No. 61**No. 5037 LZI METAL PRIMER—PURE
PREPARED PAINT, ARCHITECTURAL COLOR**

1. PREPARATION: Sandblast metal free of rust, mill scale and other foreign matter.
2. PRIME COAT: One coat of Fuller No. 5037 LZI Metal Primer. Touch up abraded spots and new rivets after erection.
3. FINISH COATS: Two coats of Fuller Pure Prepared Paint or Architectural Color in desired color or Fuller Ready-Mixed Ful-lumina Aluminum Paint if an aluminum finish is required.

PAINTING GALVANIZED METAL**(B) Specification No. 62****No. 7747 ZINC DUST—ZINC OXIDE PRIMER**

1. PREPARATION: All new galvanized metal surfaces are to be cleaned free of grease, washed with "Galvatek" and allowed to dry.
2. PRIME COAT: One coat of Fuller No. 7747 Zinc Dust-Zinc Oxide Primer.
3. FINISH COATS: For exterior use, two coats of Fuller Carbonox Metal Paint or Fuller Pure Prepared Paint or Architectural Color in desired color. For interior use, Myratec Industrial Finishes.

GALVANOX PORTLAND CEMENT PAINT**(E) Specification No. 63**

1. PREPARATION: All new galvanized metal surfaces are to be cleaned free of grease.
2. FIRST COAT: Apply Galvanox in desired color thinned approximately one pint to one quart per gallon.

3. SECOND COAT: Apply second coat of Galvanox in desired color, thinned as before, after allowing first coat to dry thoroughly.

(B) Specification No. 64**No. 4080 GRAY AND No. 4081 RED
CHROMATE METAL PRIMER**

1. PREPARATION: All new galvanized metal surfaces are to be cleaned free of grease, washed with "Galvatek" and allowed to dry.
2. PRIME COAT: One coat of either Fuller No. 4080 Gray Chromate Metal Primer where light finish coats are to be employed, or Fuller No. 4081 Red Chromate Metal Primer where darker finish coats are to be employed.
3. FINISH COATS: Two coats of Fuller Carbonox Metal Paint or Fuller Pure Prepared Paint in desired color.

PAINTING STRUCTURAL ALUMINUM**(B) Specification No. 65****CARBONOX, PURE PREPARED PAINT—
FUL-LUMINA**

1. PREPARATION: All metal surfaces are to be cleaned free of grease and etched with "Bondtek."
2. PRIME COAT: One coat of Fuller No. 5036 Zinc Chromate Primer by brush or spray.
3. FINISH COATS: Two coats of Fuller Carbonox Metal Paint, Pure Prepared Paint, Architectural Color or Ready-Mixed Ful-lumina.

ARCHITECTS' NOTE: In addition to the standard products mentioned in this section, many of the Fuller products listed in the other sections will prove suitable for specific surfaces here. Further, we are in a position to supply materials conforming to all specifications on Federal, State, County, Municipal, or General Engineering specifications for the treatment of metal surfaces. Specifications will also be made up on request on these or other items.

FINISHING POLISHED METAL**(B) Specification No. 66****No. NL-4999 CLEAR SILOSYN**

1. PREPARATION: All metals are to be buffed and polished to desired sheen and then washed carefully free of all foreign matter with a good grade of lacquer thinner.
2. FINISHING: Immediately after clean up, apply two coats of Fuller NL-4999 Clear Silosyn.

ARCHITECTS' NOTE: Polished and washed metals should not be touched except with gloved hands before finishing. If polished surface is not desirable, eliminate buffing.

EXTERIOR and INTERIOR

DAMP-PROOFING CEMENT AND BRICK SURFACES

(B) Specification No. 67

ARMORITE DAMP-PROOFING COMPOUND

1. Two coats of Fuller Armorite Damp-Proofing Compound thinned with Mineral Spirits, if necessary, to reduce to the desired brushing or spraying consistency.

ARCHITECTS' NOTE: For exterior work, or where light colors are desired, Armorite Damp-Proofing Compound should be painted over with a coat of Ready-Mixed Ful-lumina Aluminum Paint. This may be left as a final coat or an additional coat of Fuller Pure Prepared Paint or Architectural Color may be applied, as desired.

SPECIFICATIONS FOR DAMP-PROOFING STUCCO

1. See Specification Nos. 7 and 8, page No. 8, for the specifications for painting exterior cement, plaster, stucco and brick surfaces.

FLOOR PRESERVATIVE FINISHES

(B) Specification No. 68

FLORCOTE—PENETRATING TYPE PRESERVATIVE

1. PREPARATION: Wood should be sanded smooth, and buffed with No. 1 Steel Wool to remove torn grain.
2. FIRST COAT: Apply with a clean cotton mop or brush one coat of Fuller No. 7955 Florcote thinned 10 per cent with turpentine or Painters' Thinner. Allow to penetrate for 20 minutes, then wipe up excess completely with a squeegee or cloth. Allow to dry, but not hard, and buff off surface sealer with No. 2 Steel Wool.
3. FINISH COAT: One coat of Fuller No. 7955 Florcote without thinning. Let stand for 20 minutes, then wipe or squeegee off the surplus. Allow to dry, but not hard. Buff the surface lightly with No. 2 Steel Wool, using a Ponsell model "B" or similar type buffer. This buffing brings the surface to an even semi-gloss sheen.

(B) Specification No. 69

No. 6844 GYMNASIUM FLOOR FINISH—SURFACE TYPE PRESERVATIVE

1. PREPARATION: Wood should be sanded smooth and buffed with No. 1 Steel Wool to remove the torn grain.
2. FIRST COAT: Apply with a lamb's wool applicator, brush or floor mop a coat of Fuller No. 6844 Gymnasium Floor Finish, thinned 10 per cent with turpentine or Painters' Thinner. Allow at least 24 hours for drying. For best results buff with No. 0 Steel Wool. Then stripe

floors with Fultec Bulletin Colors or Myratec and allow to dry.

3. FINISH COAT: One coat of No. 6844 Gymnasium Floor Finish as supplied in the container.

ARCHITECT'S NOTE: If an unusually smooth and durable finish is desired, we recommend that the second coat be buffed smooth with a Ponsell Buffer and No. 00 Steel Wool, and a third coat of No. 6844 Gymnasium Floor Finish be applied.

(E) Specification No. 70

No. 5865 FLOOR PRESERVATIVE—SURFACE TYPE

1. PREPARATION: Wood should be sanded smooth and buffed with No. 1 Steel Wool to remove torn grain.
2. FIRST COAT: Apply with a lamb's wool applicator, brush or floor mop a coat of Fuller No. 5865 Floor Preservative, thinned 10 per cent with turpentine or Painters' Thinner. Allow overnight to dry.
3. FINISH COAT: One coat of Fuller No. 5865 Floor Preservative as supplied in the container.

ARCHITECT'S NOTE: Where wood is to be stained, specify, after wood is sanded smooth, the application of one coat of Fuller Oil Wood Stain (open-grained woods will also require one coat of Pioneer Paste Wood Filler) before application of any of the above floor preservatives. Follow with regular specifications listed above.

COLOR-ENGINEERING FACTORY INTERIORS

Not so long ago most factories had bad lighting . . . today that is largely a condition of the past.

Good management increased worker efficiency by lessening eyestrain with good lighting.

Color-Engineering is another step in this direction of bettering factory conditions. It leads to work efficiency, better employee relations, and increased safety, in addition to many other benefits. More and more large companies are turning to Color-Engineering because pioneering experiments have proven that the results of the good use of color end up in the profit column.

The results of many tests have proved that Color-Engineering accomplishes three principal objectives for industry:

1. **INCREASES TOTAL WORK EFFICIENCY.** By eliminating eye strain, better and more careful workmanship results and an increase in worker morale is immediately noticed.
2. **IMPROVES EMPLOYEE RELATIONS.** With fixed wage scales, the best workmen are drawn to plants that provide the most pleasant working conditions, and they generally stay there, thus labor turnover is kept at a minimum.
3. **PROMOTES SAFETY.** The use of the proper colors on machinery highlight critical or dangerous working or operating areas. A safety color code is established which makes instantly recognizable fire prevention equipment, hazardous machinery or electrical equipment and permits safe and direct traffic control through traffic line marking and material marking areas.

Fuller Color-Engineering colors have been developed to fulfill the requirements of good plant engineering as set forth in scientific surveys to perform the three functions mentioned above. The wall colors are modern, clean, refreshing and a choice of sheen is offered that is adequate for specific surfaces or the service to which the plant is to be put, i.e., soft, flat sheens for upper walls and ceilings, or the same colors in semi-gloss sheen for identical surfaces if plant conditions demand frequent washing. Fuller Color-Engineering also embodies a gloss sheen, oil and grease resistant product, which is necessary for dado and machinery work.

Color-Engineering by Fuller is carried out by trained Fuller men in the principal cities of our Western Territory. These men are experienced in the application of color to industrial plants. When you give these men the opportunity to serve you, they will study your client's problem with you and present you with an integrated Color-Engineering Survey that you can in turn pass on to your client for his approval. The integrated Color-Engineering Survey is very complete in that it contains a letter indicating the principles exercised in making color choices, a structural survey and machinery survey sheet which include color chips for the various surfaces to be Color-Engineered and a set of painting specifications that outlines proper surface preparation methods, priming and finishing coats for every surface in the plant to be painted.

We welcome the opportunity of making Color-Engineering Surveys for you and will write your entire painting specifications for such jobs.

SCHEME FOR THE IDENTIFICATION OF PIPING SYSTEMS

(See Specification No. 74)

This controlled plan for employing color and other kinds of markings for the identification of piping systems in industrial plants has been based on fundamental principles and approved by the American Standards Association, November, 1928. It was prepared jointly by the National Safety Council and the American Society of Mechanical Engineers.

The scheme is intended to harmonize all specifications for the identification of materials conveyed in piping systems. It has been limited to the identification of piping systems in industrial plants, power plants, not including pipes buried in the ground and conduits.

At conspicuous places throughout a piping system color bands shall be painted on the pipes to designate to which one of the main classes its contents belong. If desired the entire length of the piping system may be painted the main classification color.

Further, the actual contents of a piping system may be indicated by preferably a stenciled legend giving the name of the contents in full or abbreviated form. These legends shall be placed on the colored bands. Bands, legends, and stripes should be placed at intervals throughout the system preferably adjacent to valves and fittings to insure ready recognition during operation, repairs and at times of emergency.

<u>CODE</u>	
<u>Class</u>	<u>Color</u>
F—Fire Protection Equipment	Red
D—Dangerous Materials	Yellow (or Orange)
S—Safe Materials	Green (or the achromatic colors, white, black, gray, or aluminum)
and when required	
P—Protective Materials	Bright Blue
V—Extra Valuable Materials	Deep Purple

See Opposite Page for Classification of Materials Carried in Pipes.

CLASSIFICATION OF MATERIALS CARRIED IN PIPES

MATERIAL PIPED	PHYSICAL STATE GAS, LIQUID, OR SEMI-SOLID	TEMPERATURE OF MATERIAL IN DEG. FAHR. (MAX.)	PRESSURE IN LB. PER SQ. IN. (MIN.)	OR	VACUUM IN INCHES OF MERCURY OR WATER	*CLASSIFICATION
Acetic acid	Liquid	Normal	30 lb.		28 in. Hg.	D
Alcohol	Liquid	Cool	....		....	D
Amyl Acetate	Liquid	Cool	....		....	D
Alum solution	Liquid	....	....		....	S
Acetylene gas	Gas	0 to 200	½ in. to 250 lb.		....	D
Benzol	Liquid	Cold	Up to 80 lb.		....	D
Brine	Liquid	Cold	About 60 lb.		....	S
Butyl alcohol	Liquid	Cool	....		....	D
Bleach liquor	Solution	....	....		....	D
Bisulphite liquors	Liquid	....	....		....	D
Blau gas	Gas	00 to 200	½ in. to 250 lb.		....	D
Compressed air	Gas	80	300 (in special cases 3000 lb.)		....	S
CO ₂	Gas and Liquid	-30 to -100	0 to 250 lb. per sq. in. gage		....	D
Caustic soda solution	Solution	....	....		....	D
Chlorine	Gas, liquids, and solutions	....	....		....	D
Carbon bisulphide	Gas and liquid	....	....		....	D
Chloroform	Gas and liquid	....	....		....	D
Carbon tetrachloride	Liquid	....	....		....	S
Coal gas	Gas	0 to 200	½ in. to 250 lb.		....	D
Dyes	Solution	Usually cool	....		....	D
Flue gas or waste heat	Gas	0 to 200	½ in. to 250 lb.		....	D
Foamite	Liquid	Cold	Up to 100 lb.		....	F
Glycerine	Liquid	Hot and cold	Up to 60 lb.		....	S
HCl	Liquid	Up to 80	2 to 10 lb.		....	D
Hydrogen	Gas	....	....		....	D
H ₂ S Gas	Gas	0 to 150	½ in. to 100 lb.		....	D
Intermediates	Solution	Usually cool	....		....	D
Lactic acid	Liquid	Normal	60 lb.		20 to 22 in.	V
Mixed acid	Liquid	Normal	30 to 80 lb.		....	D
Misc. solvent	Liquid	Cool	....		....	D
Mercury	Gas and liquid	....	29 in. to 100 lb.		....	D
Muriatic acid	Liquid	....	....		....	D
Natural gas	Gas	0 to 200	½ in. to 250 lb.		....	D
Nitric acid	Liquid	Normal	10 lb.		....	D
Nitro bodies	Liquid	Cool	Up to 40 lb.		....	D
NH ₄ NO ₃ (molten)	Liquid	....	None		....	D
NH ₃	Liquid and gas	-30 to 100	0 to 250 lb. per sq. in. gage		....	D
N ₂ O and N ₂ O ₅ vapor	Vapor	0 to 150	½ in. to 100 lb.		....	D
Oils (Petroleum)	Liquid	Below 580	Below 1200 lb.		....	D
Paper sizing solution	Liquid	....	....		....	S
Pinch gas	Gas	0 to 200	½ in. to 250 lb.		....	D
Producer gas	Gas	0 to 200	½ in. to 250 lb.		....	D
Pyrox compounds	Liquid	Up to 80	....		....	D
Paint	Liquid	Cold	30 lb.		....	D
H ₂ SO ₄	Liquid	Up to 180	30 to 80 lb.		....	D
Soda ash solution	Liquid	Cold	60 lb.		....	S
Sugar juices and syrups	Liquid	195 to 200	0 to 50 lb.		....	S
Steam	Vapor	Below 212	Below atmos.		....	S
Steam	Vapor	212 to 800	Above atmos.		....	D
SO ₂	Gas and liquid	-30 to 100	0 to 250 per sq. in. gage		....	D
Sulphur chloride	Gas and liquid	....	....		....	D
Turpentine	Liquid	Cold	Up to 80 lb.		....	D
Toluene	Liquid	Cool	Up to 40 lb.		....	D
Tar	Liquid	....	....		....	D
Varnish	....	Cold and hot	30 lb.		....	D
Vapors of valuable materials not otherwise specified	Vapor	0 to 180	½ in. to 100 lb.		....	D
Water	Liquid	Cold	Any pressure		....	S
Water	Liquid	Hot	Any pressure		....	D
Water gas	Gas	0 to 200	½ in. to 250 lb.		....	D

*KEY TO CLASSIFICATION

F—Fire Protection	—Red
D—Dangerous	—Yellow
S—Safe	—Green
P—Protective	—Blue
V—Extra Valuable	—Purple

MISCELLANEOUS FINISHES

FACTORY AND WAREHOUSE INTERIORS

Wood, Metal, Plaster, Stucco, Brick and
Open Truss Ceilings

(B) Specification No. 71

FULLERLITE SYSTEM

1. PRIME COAT: One coat of Fuller No. 5888 Fullerlite Primer.
2. SECOND COAT: (In Three Coat Work): Equal parts of Fullerlite Primer and Fullerlite Synthetic Enamel.
3. FINISH COAT: One coat of Fullerlite Synthetic Enamel White or tinted to the desired shade with Fuller Color in Oil.

(E) Specification No. 72

AD-LITE

1. Apply two coats of Fuller Ad-Lite.

(E) Specification No. 73

FLITE (Casein Paint)

1. Apply one coat of Flite Casein Paint.

MACHINERY, DADO AND PIPE LINE FINISHING

(B) Specification No. 74

MYRATEC INDUSTRIAL FINISHES

1. PRIME COAT: If metal has not been shop primed apply one coat of Fuller No. 1540 Myratec Red Lead. On dado surfaces apply one coat of Fullerlite Primer or prime coat as specified in Color Engineering Survey.
2. FINISH COATS: One or two coats of Myratec Industrial Finish, color desired, by spray or brush.

FINISHING STORE FIXTURES WOOD-PIGMENTED LACQUER FINISH

Specification No. 75

SYNALAC LACQUER, PIGMENTED

1. PREPARATION: See that wood is clean, dry and sanded smooth. Sand lightly between coats. Lacquer putty all nail holes, cracks, etc. Spray lacquers for best results.
2. FIRST COAT: One coat of Fuller No. 7799 Synalac Undercoat thinned to spraying consistency. Allow to dry one hour before recoating.
3. FINISH COATS: Two coats of Fuller Synalac Lacquer, Pigmented, of desired color, thinned to spraying consistency.

METAL-PIGMENTED LACQUER FINISH

Specification No. 76

SYNALAC LACQUER, PIGMENTED

1. PREPARATION: See that metal is clean, dry and free from grease, oil or rust. Etch metal surface with Bondtek if necessary. Fill all scratches, cracks or indentations with Fuller Pyrox Spot Putty, and when dry sand to an even smooth surface. Spray lacquers for best results.
2. PRIME AND SURFACE COATS: One coat of Fuller Pyrox Primer and Surfacer, thinned to spraying consistency. Allow to dry one hour before recoating or finishing.
3. FINISH COATS: Two coats of Fuller Synalac Lacquer, Pigmented, of desired color, thinned to spraying consistency.

OPEN-GRAINED WOODS—CLEAR LACQUER FINISH

Specification No. 77

SYNALAC CLEAR LACQUERS

1. PREPARATION: See that wood is clean, dry and sanded smooth. Sand lightly between coats. Lacquer putty all nail holes, cracks, etc., after the filling operation and color the putty to match the finish desired. Spray lacquers for best results.
2. STAIN: (Optional) Apply by spray, one coat of Fuller Staintite Stain, color as selected, at package consistency, using 20 to 25 pounds of air pressure. Apply a full wet uniform coat, staining with the grain of the wood.
3. FILLER: Apply one coat of Fuller Pioneer Paste Wood Filler, color as selected, by brush or spray.
4. SEALER: One coat of Fuller No. 7782 Synalac Clear Sanding Sealer, at package consistency, in a full wet uniform coat.
5. UNIFORMING STAIN: One coat of Fuller Uniforming Stain, color as selected. Apply by spray with a full wet film according to manufacturer's directions.
6. FINISH COATS: Two coats of Fuller No. 7780 Clear Gloss Synalac Lacquer, spraying a full wet uniform coat, at package consistency.

ARCHITECTS' NOTE: For semi-gloss finish substitute Fuller No. 7783 Clear Semi-Gloss Synalac, and for a flat finish substitute Fuller No. 7781 Clear Flat Synalac Lacquer, for the last finish coat over one coat of Fuller No. 7780 Clear Gloss Synalac Lacquer.

FINISHING STORE FIXTURES**CLOSE-GRAINED WOODS—CLEAR LACQUER FINISH****Specification No. 78****SYNALAC CLEAR LACQUERS**

1. **PREPARATION:** See that wood is clean, dry and sanded smooth. Sand lightly between coats. Lacquer putty all nail holes, cracks, etc., after staining operation, and color putty to match the finish color of the wood. Spray lacquers for best results.
2. **STAIN:** (Optional) Apply by spray, one coat of Fuller Staintite Stain, color as selected, at package consistency, using 20 to 25 pounds of air pressure. Apply a full wet uniform coat, staining with the grain of the wood.
3. **SEALER:** One coat of Fuller No. 7782 Synalac Sanding Sealer, at package consistency, in a full wet uniform coat.
4. **UNIFORMING STAIN:** One coat of Fuller Uniforming Stain. Apply by spray with a full wet film.
5. **FINISH COATS:** Two coats of Fuller No. 7780 Clear Gloss Synalac Lacquer, spraying a full wet uniform coat, at package consistency.

ARCHITECTS' NOTE: For semi-gloss finish substitute Fuller No. 7783 Clear Semi-Gloss Synalac and for a flat finish substitute Fuller No. 7781 Clear Flat Synalac Lacquer for last finish coat over one coat of Fuller No. 7780 Clear Gloss Synalac Lacquer.

BLEACHED WOOD—LACQUER FINISH**Specification No. 79****SYNALAC EXTRA PALE LACQUERS**

1. **PREPARATION:** See that wood is clean, dry and sanded smooth. Sand lightly between coats. Lacquer putty all nail holes, cracks, etc., coloring the putty to match the finish color of the wood after filler has been applied. Spray lacquers for best results.
2. **BLEACH:** Apply Fuller No. 1 and No. 2 Bleach according to manufacturer's direction. Allow to dry overnight, then sand off bleach scum and wash with denatured alcohol. A second coat or application where surface is not bleached evenly may be applied.

ARCHITECTS' NOTE: In bleaching redwood a wash of 20 degree ammonia must be applied before the No. 1 Bleach.

3. **THIN SEAL COAT:** One coat of Fuller Pure White Shellac thinned 1 part Shellac with 4 parts denatured alcohol.
4. **FILLER:** (For open-grain woods) One coat of Fuller Pioneer Paste Wood Filler, color as selected.
ARCHITECTS' NOTE: Omit filler for close-grain woods. If a light or pastel stain is necessary, thin down Fuller Enamel Undercoat and tint with Fuller Color in Oil as desired.
5. **SEALER:** One coat of Fuller No. 7703 Extra Pale Clear Sanding Sealer by spray, at package consistency.
6. **FINISH COAT:** Two coats of Fuller No. 7704 Extra Pale Clear Gloss Lacquer, sprayed at package consistency.

ARCHITECTS' NOTE: If an alcohol resistant finish is desired specify Fuller No. NL-232 Water White Clear Gloss Lacquer, to be applied after the filler coat, see Specification No. 80.

WOOD-CLEAR LACQUER, ALCOHOL RESISTANT FINISH**Specification No. 80****No. NL-232 SYNALAC WATER WHITE ALCOHOL RESISTANT LACQUER**

1. **PREPARATION:** See that the wood is clean, dry and sanded smooth. Sand lightly between coats. Lacquer putty all nail holes, cracks, etc., after staining operation, coloring putty to match finish coat of wood. Spray lacquers for best results.
2. **STAIN:** (Optional) Apply by spray one coat of Fuller Staintite Stain, color as selected, at package consistency, using 20 to 25 pounds of air pressure. Apply a full wet uniform coat, staining with the grain of the wood.
3. **FILLER:** (Necessary for open-grain woods) One coat of Fuller Pioneer Paste Wood Filler, color as selected, by brush or spray.
4. **FINISH COATS:** Four or more coats of Fuller NL-232 Synalac Water White Clear Gloss Lacquer at package consistency in full wet uniform coats. Allow one hour drying time between coats.

LACQUER FINISH OVER PREVIOUSLY PAINTED SURFACES**Specification No. 81****SYNALAC LACQUERS, PIGMENTED**

1. **PREPARATION:** See that the surface is clean, dry and sanded smooth. Sand lightly between coats. Spray lacquers for best results.

ARCHITECTS' NOTE: As a precautionary measure, a small area should be tried with specification below before proceeding to large scale operation. If condition warrants other specifications, call your nearest Fuller branch.

2. **PRIME COAT:** One coat of Fuller Myratec Undercoat thinned to spraying consistency with Synal Thinner according to manufacturer's directions. Allow to air dry overnight before finishing.
3. **FINISH COATS:** Two coats of Fuller Synalac Lacquer, Pigmented, color as selected, reduced and applied according to manufacturer's directions.

ARCHITECTS' NOTE: The above specifications for fixture finishing are written for spray application products. For brush work using varnish or enamels, see Specification Nos. 44, 53.

W. P. FULLER & CO.**301 Mission St., San Francisco, Calif.***Call Your Nearest Fuller Branch*

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